

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

OW

VW

TA

GW

OS

PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E

I

E-I

GR

GR-N

Misc

Lat

M-L

Sonic

Others

energy drilling specialists, inc.



82117th st. suite 806
denver, colorado 80202
(303) 573-7011

5000 lakeshore drive
littleton, colorado 80123
(303) 795-7665

June 17, 1980

RECEIVED
JUN 19 1980
DIVISION OF
OIL, GAS & MINING

United States Geological Survey
1745 W. 1700 S. Suite 2000
Salt Lake City, Utah 84104

Attention: Edgar W. Guynn

Re: Snyder Oil Company
Federal 1-10
Lot 3-Sec. 10-8S-22E
Uintah County, Utah

Gentlemen:

Please find enclosed Application to Drill, Ten Point Program and Multipoint Surface Use and Operation Plan for the captioned well.

This well is to be drilled on or about September 1, 1980, dependent on rig availability. If you have any questions concerning this well, please contact us. Thank you for your cooperation in this matter.

Very truly yours,

ENERGY DRILLING SPECIALISTS, INC.

John McCatharn
JOHN McCATHARN - Engineer

JMC:d
Encls.

cc: Division of Oil, Gas & Mining - Salt Lake City, Utah
Bureau of Land Management - Vernal, Utah
Snyder Oil Company - Denver, Co.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Snyder Oil Company

3. ADDRESS OF OPERATOR

410 17th Street, Suite 1300 Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2010 FEL 617 FSL Sec. 10-8S-22E SW SE

At proposed prod. zone

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

16.5 miles east of Ouray

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

617

16. NO. OF ACRES IN LEASE

117.21

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

none

19. PROPOSED DEPTH

6200

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4913 GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	200	Sufficient to reach surface
7 7/8	5 1/2	15.5	6200	Depends on productive Zones

SEE ATTACHED:

- 1) Ten Point Program
- 2) Multipoint Surface Use and Operation Plan

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 6-20-80

BY: M. J. Minder

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Marion D. Butcher

TITLE

V-P Exploration Manager

DATE

6/17/80

(This space for Federal or State office use)

PERMIT NO.

43-047-20732

APPROVAL DATE

6/20/80

APPROVED BY

TITLE

DATE

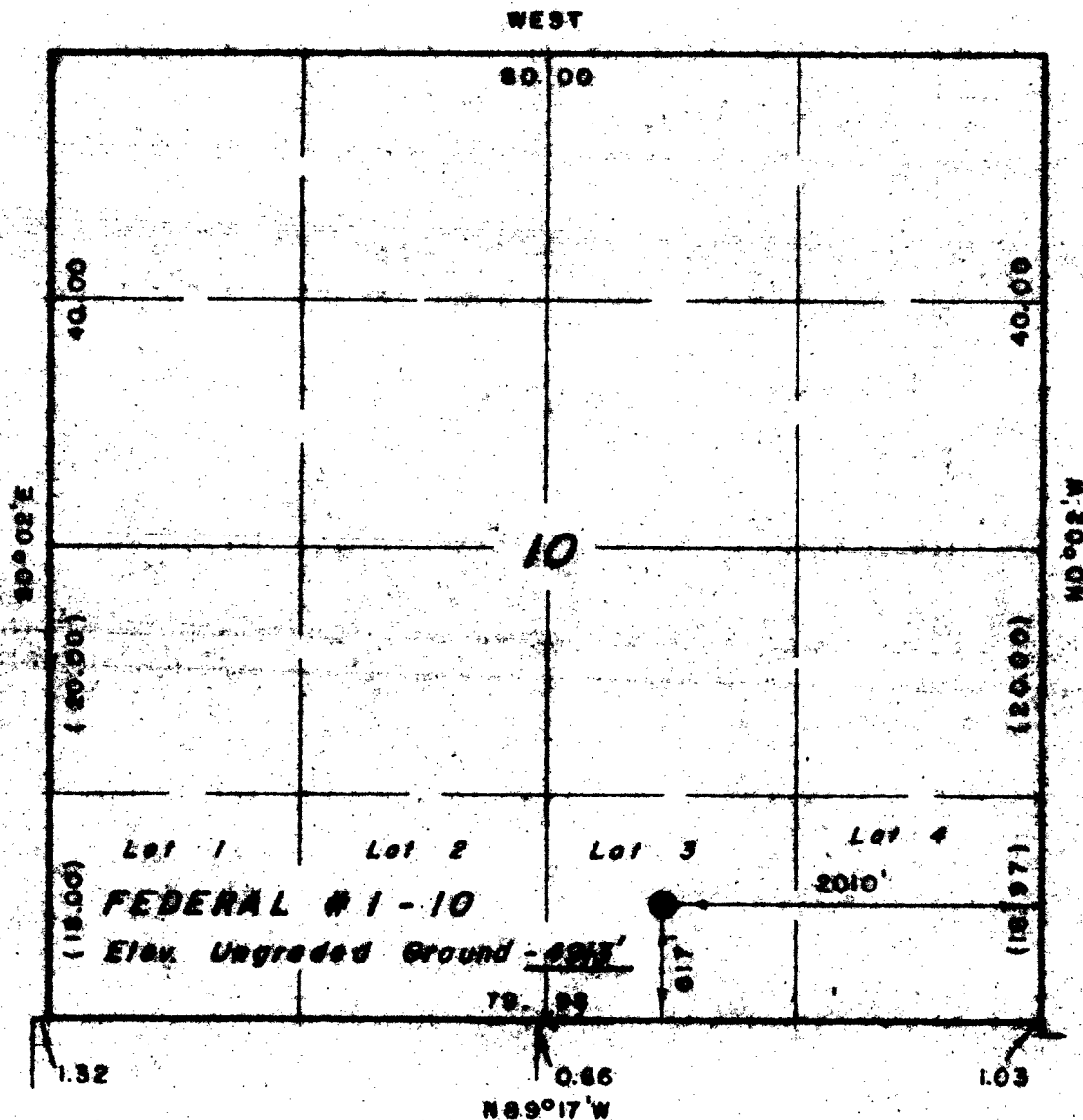
CONDITIONS OF APPROVAL, IF ANY:

T 8 S, R 22 E, S. L. B. & M.

PROJECT

SNYDER OIL COMPANY

Well location, **FEDERAL #1-10**,
located as shown in Lot 3, Section 10,
T 8 S, R 22 E, S. L. B. & M. Utah County,
Utah.



X = Section Corners Located



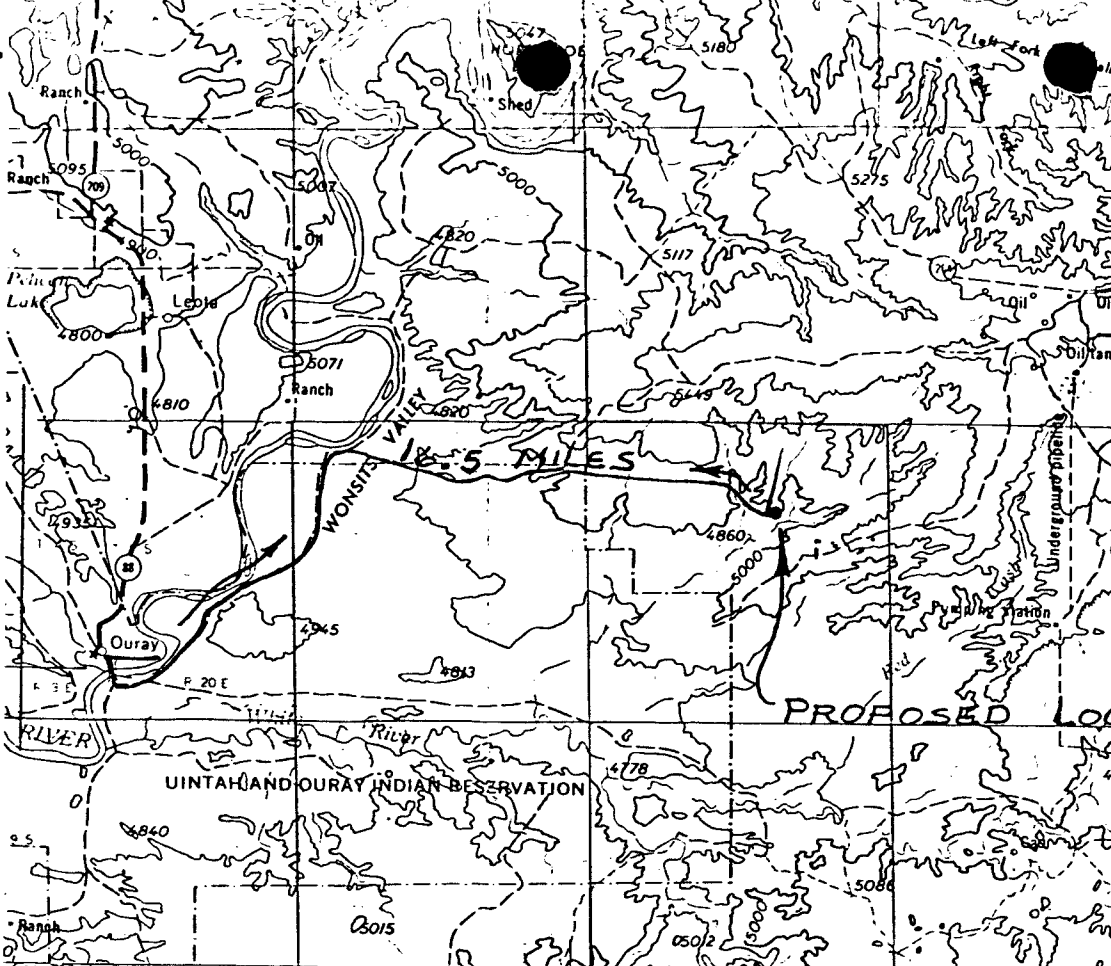
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Alma Stewart
REGISTERED LAND SURVEYOR
REGISTRATION NO. 3204
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING
P.O. BOX 2 - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

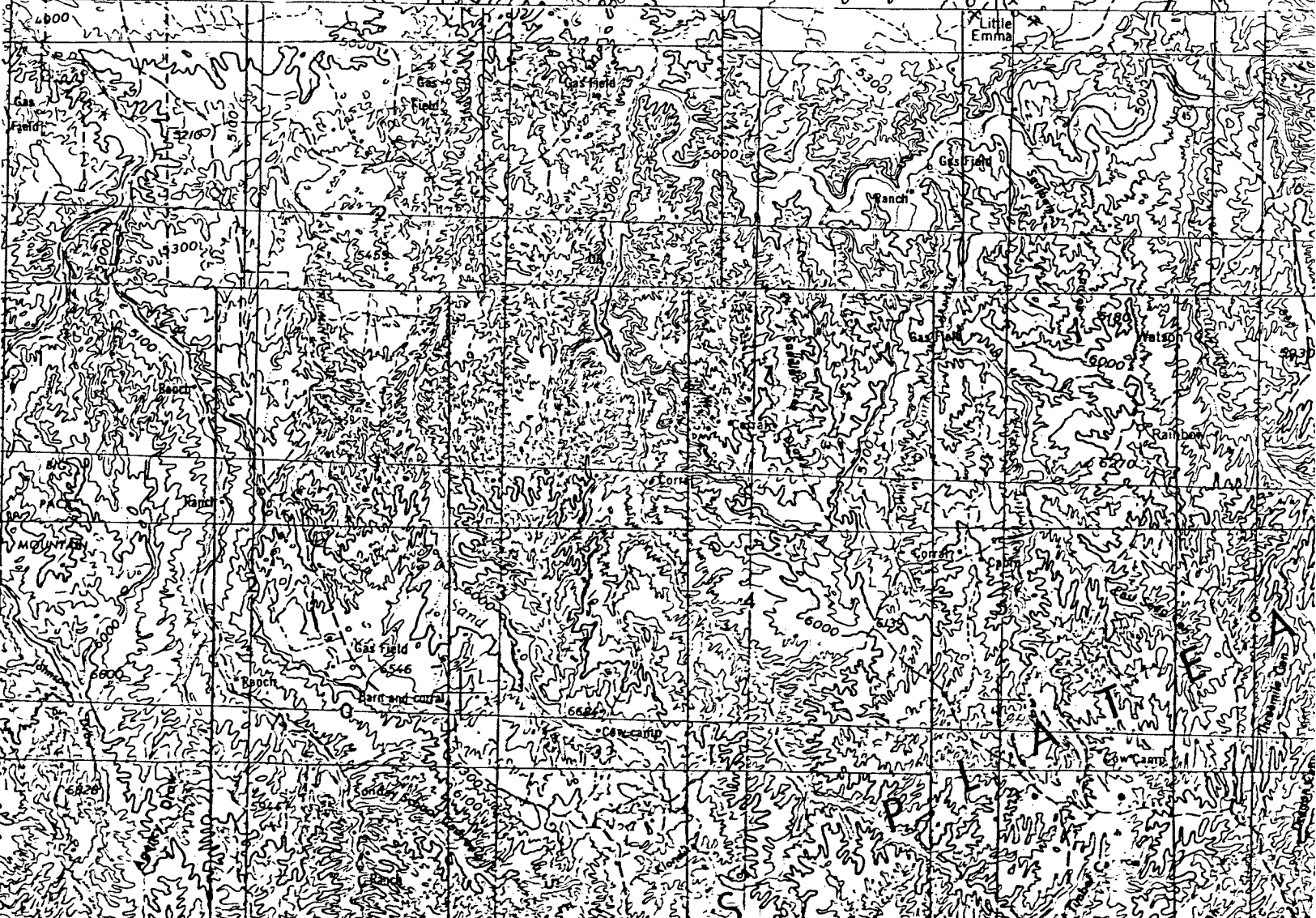
SCALE	1" = 1000'	DATE	6 / 6 / 80
PARTY	S.S. N.H.	REFERENCES	GLO Plat
WEATHER	Fair	FILE	SNYDER OIL CO.

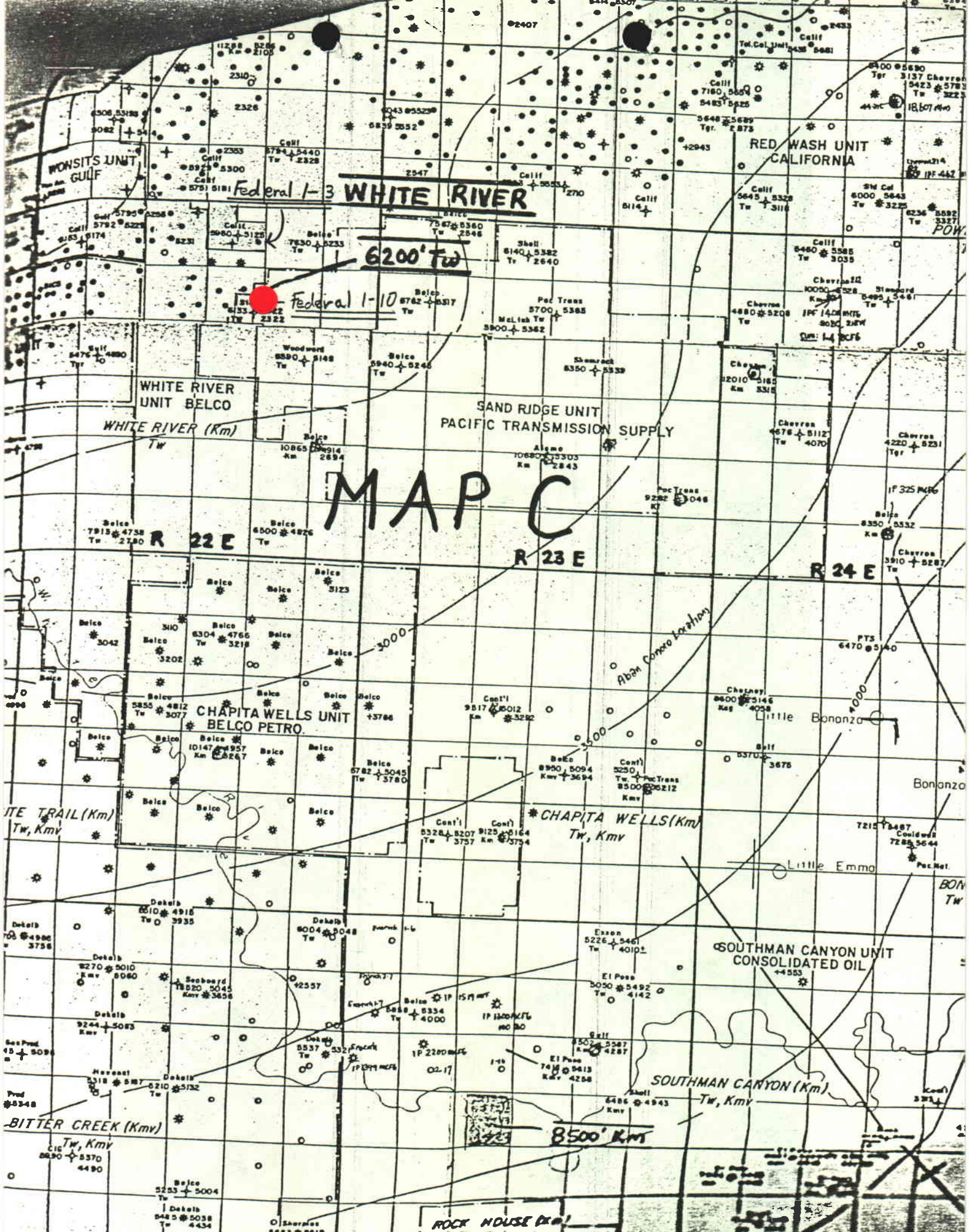


SNYDER OIL CO.
FEDERAL #1-10
PROPOSED LOCATION

TOPO. MAP "A"

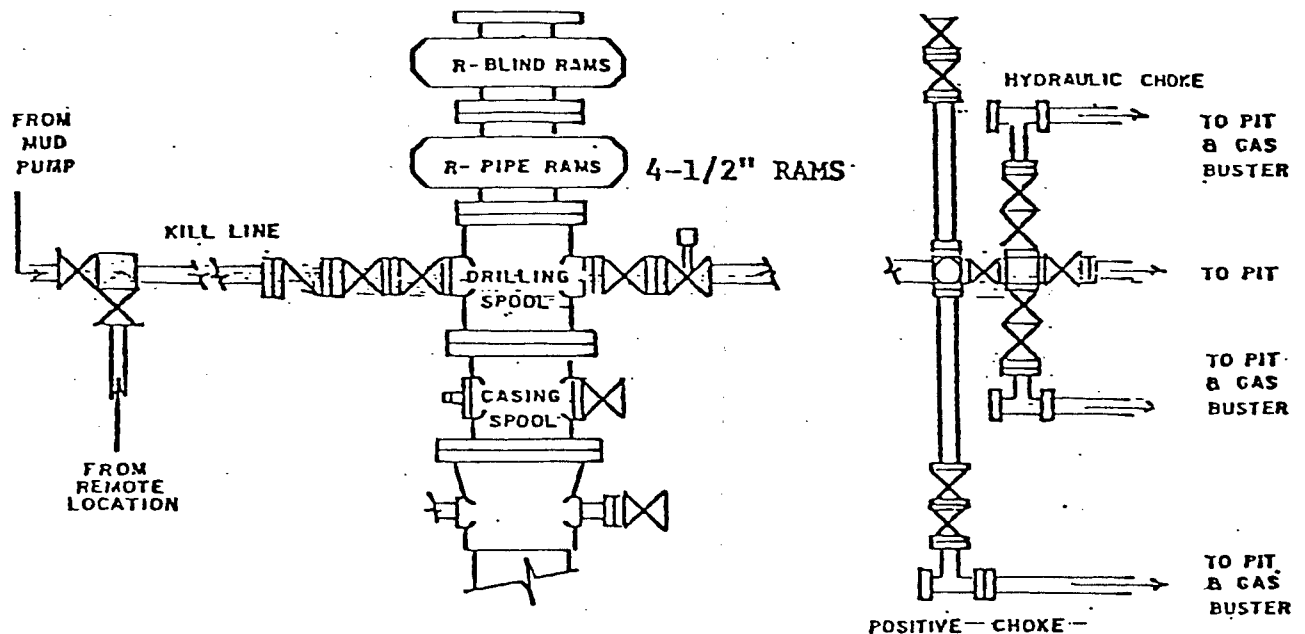
SCALE - 1" = 4 MI.





(EXHIBIT 1) 3000 psi

psi Working Pressure BOP's



Note: Pipe rams to be operated daily, Blind rams to be operated each trip.

Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

Annular Preventor yes

Rotating Head No

Kill Line Size 2" x 3000 psi Valves 2" x 3000 psi Check 2" x 3000 psi

MANIFOLD

Size 2" Valves 2" Pressure 3000 psi

Positive Choke yes Adjustable Choke yes

Hydraulic Choke no

Power Operated Valve no

See Exhibit I attaced for additional detail BOP Equipment will be installed Prior
to drilling below 8 5/8" casing, BOPs and casing will be tested to 1000 psi with water
using rig pump.

6) DRILLING FLUIDS

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0 - 200'	gel-lime	9.0	35-40	N/C	
200 - 5500'	low solids non-dispersed	8.6-9.0	27-29	12-15	

Possible Sub Normal Pressured Zones Green River

Possible Abnormal Pressured Zones None

7) AUXILIARY EQUIPMENT

Upper Kelly Cock yes

Lower Kelly Cock no

Floor Valve DP yes

Floor Valve DC yes

Float in DC per contractor specifications

Inside BOP (Dart Valve) no

ADDITIONAL DETECTION EQUIPMENT & SERVICE

Mud Logging Unit 2 man unit from 2000' to TD
Pit Volume Totalizer no
Flow Line Sensor no
Flow Line Temperature no
Sour Gas Detector no
Pump Stroke Counter no
Degasser no
Mud Gas Separator no
Drilling Data Unit no
Other none

8) EVALUATION

A) Testing

All significant hydro carbon shows will be tested. There could be as many as 5 DST's.

B) Logging

<u>Depth</u>	<u>Electric Wireline Logs</u>	<u>Interval</u>
6200'	DIL/GR, FDC/CNL, BHC Sonic/Caliper	200'-6200'

C) Coring

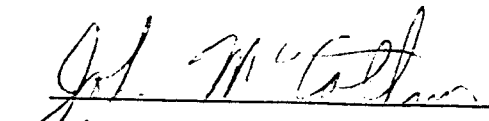
<u>Formation</u>	<u>Type Core</u>	<u>Analysis</u>
None		

9) SPECIAL DRILLING PROBLEMS

None expected

- 10) Expected Spud Date: August 15, 1980
Duration: 23 days

Drilling Program Prepared By ENERGY DRILLING SPECIALISTS, INC.


John McCatharn
Engineer

MULTIPOINT SURFACE USE AND OPERATION PLAN

SNYDER OIL COMPANY

FEDERAL 1-10

Section 10, T8S- R22E

UINTAH COUNTY, UTAH

1) EXISTING ROADS

See attached topographic maps A & B. Directions are go south from Ouray and cross Green River. Turn left and travel 16.5 miles into the location. The last .4 miles of road will have to be constructed, and a .4 mile will also need to be upgraded. The roads required for access during the drilling completion and production phases of this well will be maintained and improved at the standards required by the BLM or other controlling agencies.

Onsite inspection field comments:

2) PLANNED ACCESS ROAD

See attached Topographic Map "A". It will be necessary to construct approximately 0.4 miles of new road to connect the existing road with the proposed location. Construction of the new road will meet the following standards.

Maximum grade should not exceed 7% (7~~5~~ per 100~~7~~). The trail will be an 18" crown road (9' on either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run off from any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1½ to 1 slopes and terraced

The road will be centerline flagged prior to the commencement of construction.

No major cuts or fills appear necessary. One culvert will be needed, for the dry wash crossing on the new road to be built (See topo Map B).

The grade of this road will be constructed from native borrow accumulated during construction.

If deemed necessary by the local governmental agencies or their representative: turnouts will be installed for safety purposes every 0.25 miles or on top of the ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access end and the outlet end.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements with a new gate installed at one end of the cattleguard.

Onsite inspection field comments:

3) LOCATION OF EXISTING WELLS

Within a two mile radius the following wells are identified by category and listed below.

- 1) Water wells - none
- 2) Abandoned wells - See attached Map C.
- 3) Temporarily abandoned wells - none known
- 4) Disposal wells - none
- 5) Drilling wells - none at present within a two mile radius, although this general area is currently active.
- 6) Producing wells - numerous, see attached Map C.
- 7) Shut in wells - none known
- 8) Injection wells - none known
- 9) Monitoring or observation wells - none

Onsite inspection field comments:

4)

LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES AND PRODUCTION
GATHERING AND SERVICE LINES

At the present time there are no Snyder Oil Company batteries, production facilities, oil gathering lines, gas gathering lines, injection or disposal lines within a two mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with the native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

If production facilities are necessary, these facilities will be constructed as shown in Figure 1.

Onsite inspection field comments

5) LOCATION AND TYPE OF WATER SUPPLY

Water will be hauled from the White River. The distance of this haul will be 15 miles.

The existing roads and proposed roads previously noted will be all that are needed. No water well will be drilled for this operation.

Onsite inspection field comments:

6) SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required the appropriate actions will be taken to acquire them from private sources.

7) METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet. A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals. A test tank will be used to contain produced fluids.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, domestic animals.

On the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

The burn pit will be completely enclosed on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8) ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and noneforeseen in the near future.

9) WELL SITE LAYOUT

See attached Location Layout Sheet. The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10) PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin as soon as possible after the reserve pit has dried up, and will be completed without undue delay.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11) OTHER INFORMATION

The drillsite is located in an area of moderate slope (see cross section). The Surface is the Uinta formation, light brown sandy clay with sparse sagebrush cover. There are no trees on the proposed location.

General use of the surface is grazing. The new road and location are federally owned.

An archeological report will be filed on this prospect under separate cover.

The closest water is located in the White River.

Onsite inspection field comments:


12) LESSEE'S OR OPERATOR'S REPRESENTATIVE

Marv Brittenham
Snyder Oil Company
410 17th Street Suite 1300
Denver, Co. 80202

Telephone - 303-573-6521

13) CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route. That I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Snyder Oil Company and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.


JOHN S. McCATHARN

I hereby certify that John S. McCatharn as my agent, has prepared the drilling program, Application for Permit to Drill and supplemental information contained herein. I have reviewed this application and hereby acknowledge that the plans, terms and conditions outlined herein will be performed by Snyder Oil Company.


MARV BRITTENHAM

FIGURE 1

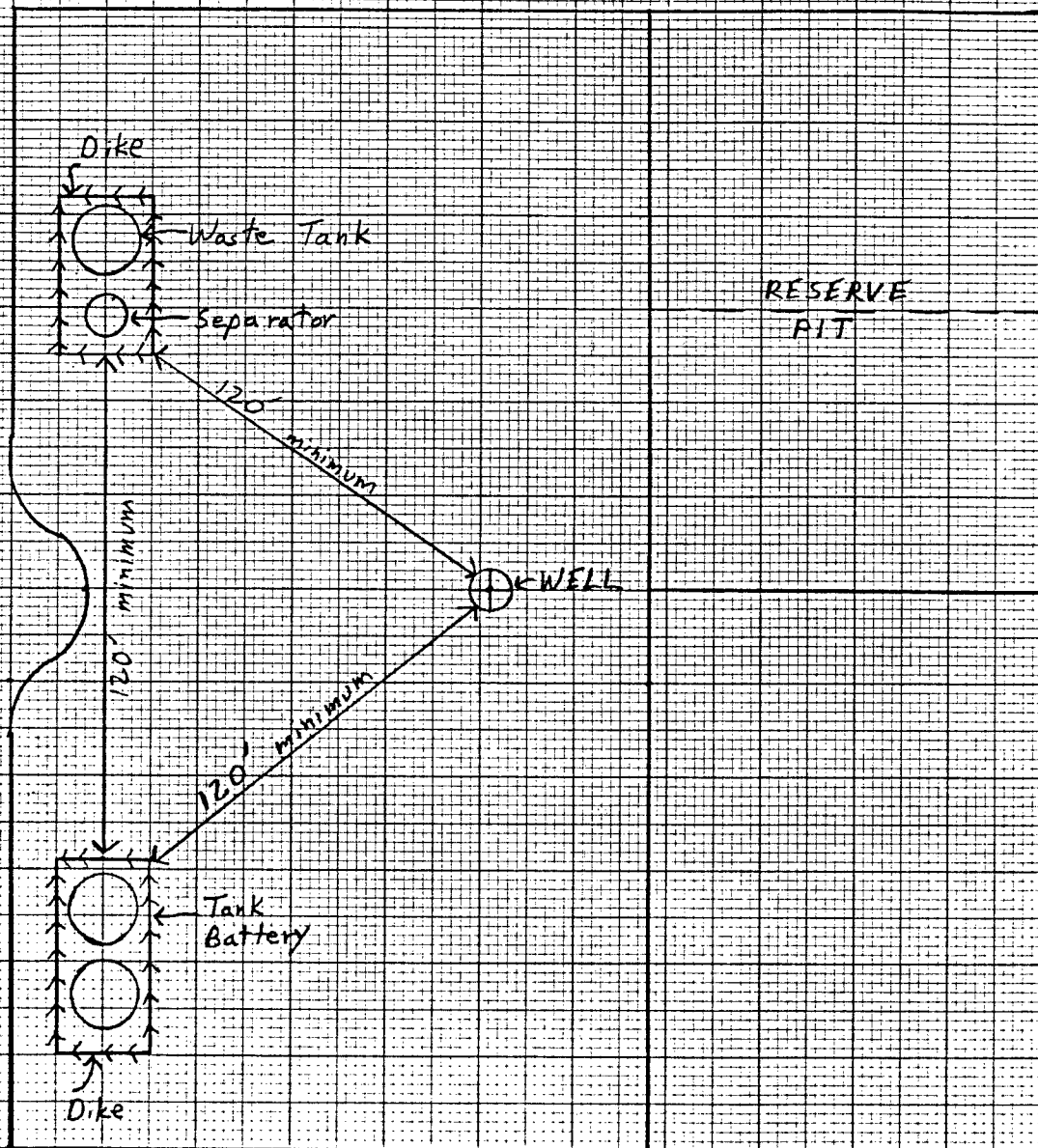
FUTURE PRODUCTION FACILITY LAYOUT

Snyder Oil Company

Federal 1-10

SW SE Sec. 10, T8S R22E

Uintah County, Utah

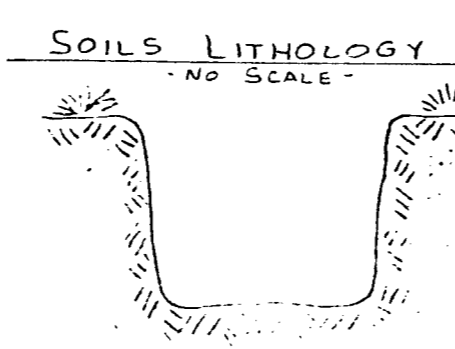
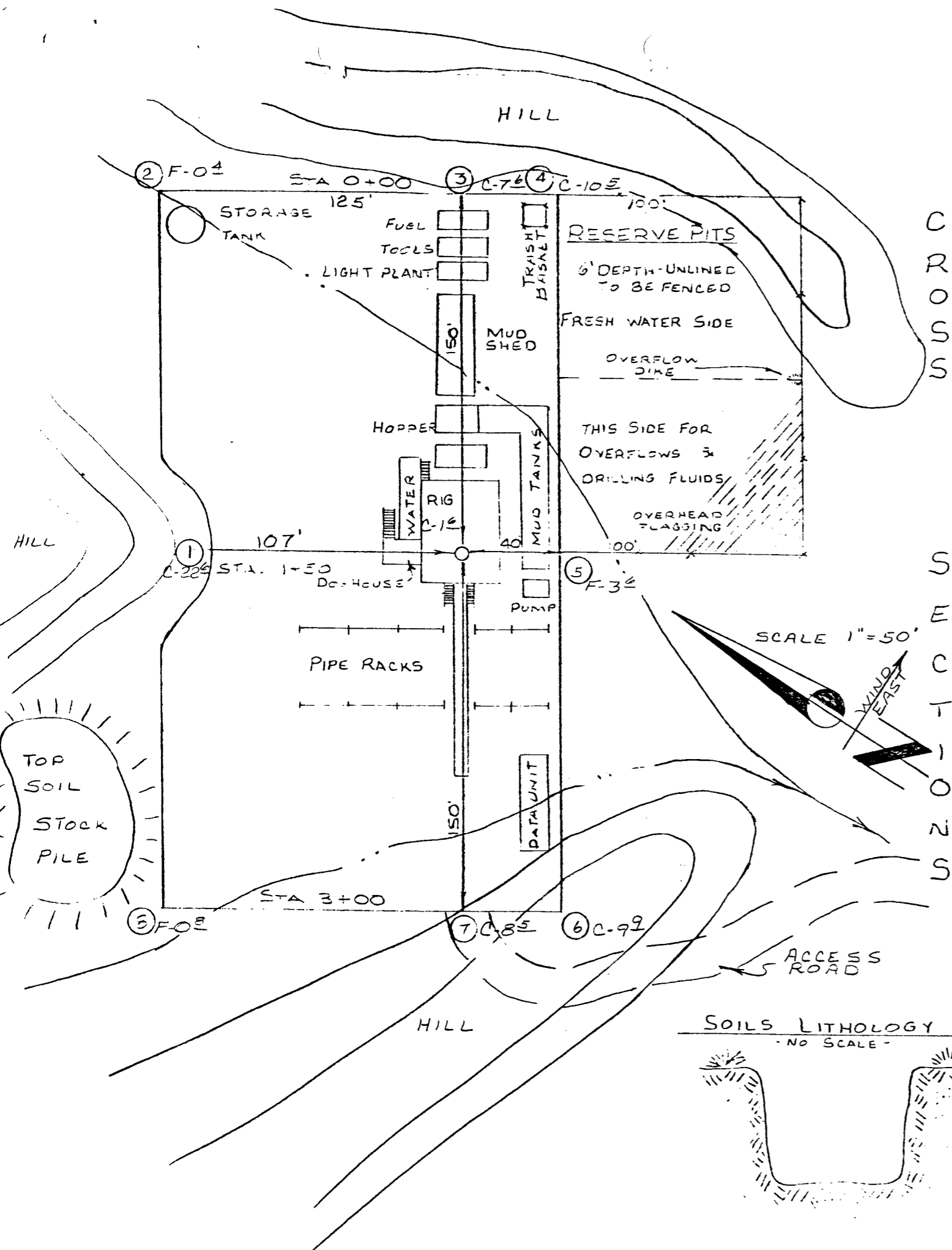


Scale: 1"=50'

separator and Tanks are to be located on areas of cut.

46 1470

10 X 10 TO 1" INCH 7 1/2" X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

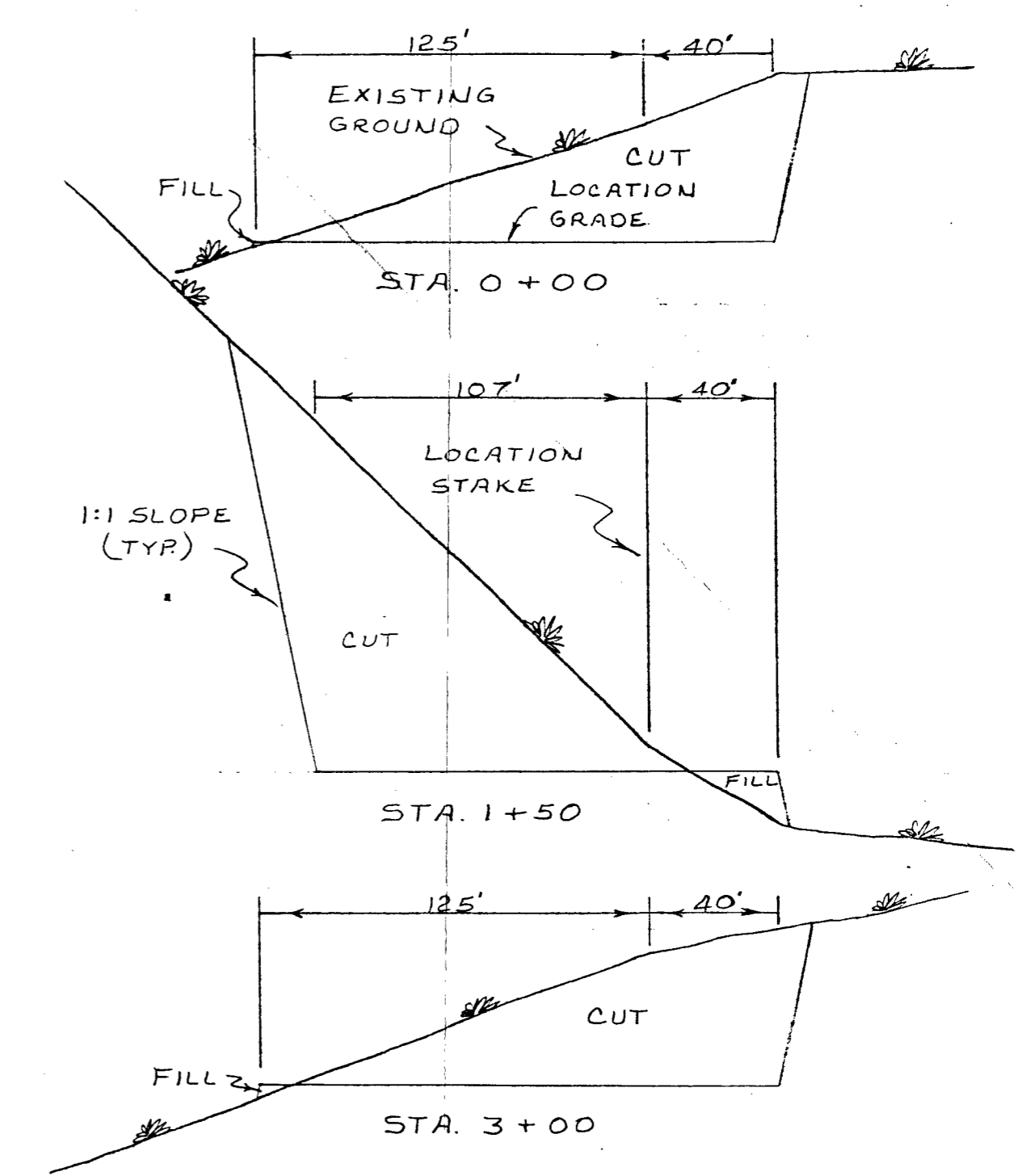


LIGHT BROWN SANDY CLAY

SNYDER OIL COMPANY

FEDERAL #1-10

LOCATION LAYOUT & CUT SHEET



SCALES
1"=50'

APPROX. YARDAGES	
CUT	13,951 CU. YDS.
FILL	324 CU. YDS.

SNYDER OIL COMPANY

FEDERAL #1-10

PROPOSED LOCATION

TOPO.

MAP "B"

SCALE - 1" = 2000'

ROAD CLASSIFICATION

Secondary highway, all weather, hard surface Light-duty road, all weather, improved surface

Unimproved road, fair or dry weather

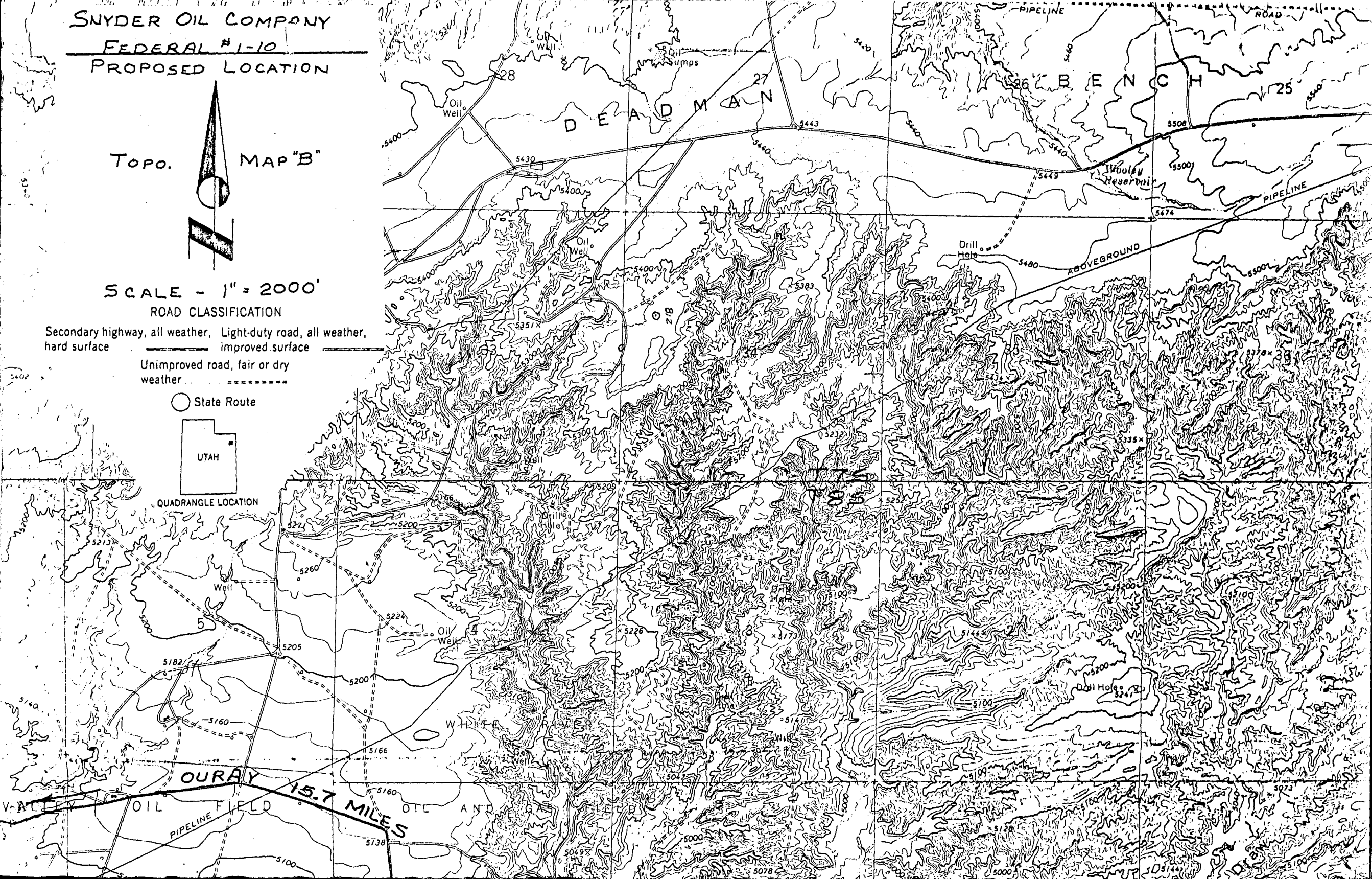
○ State Route

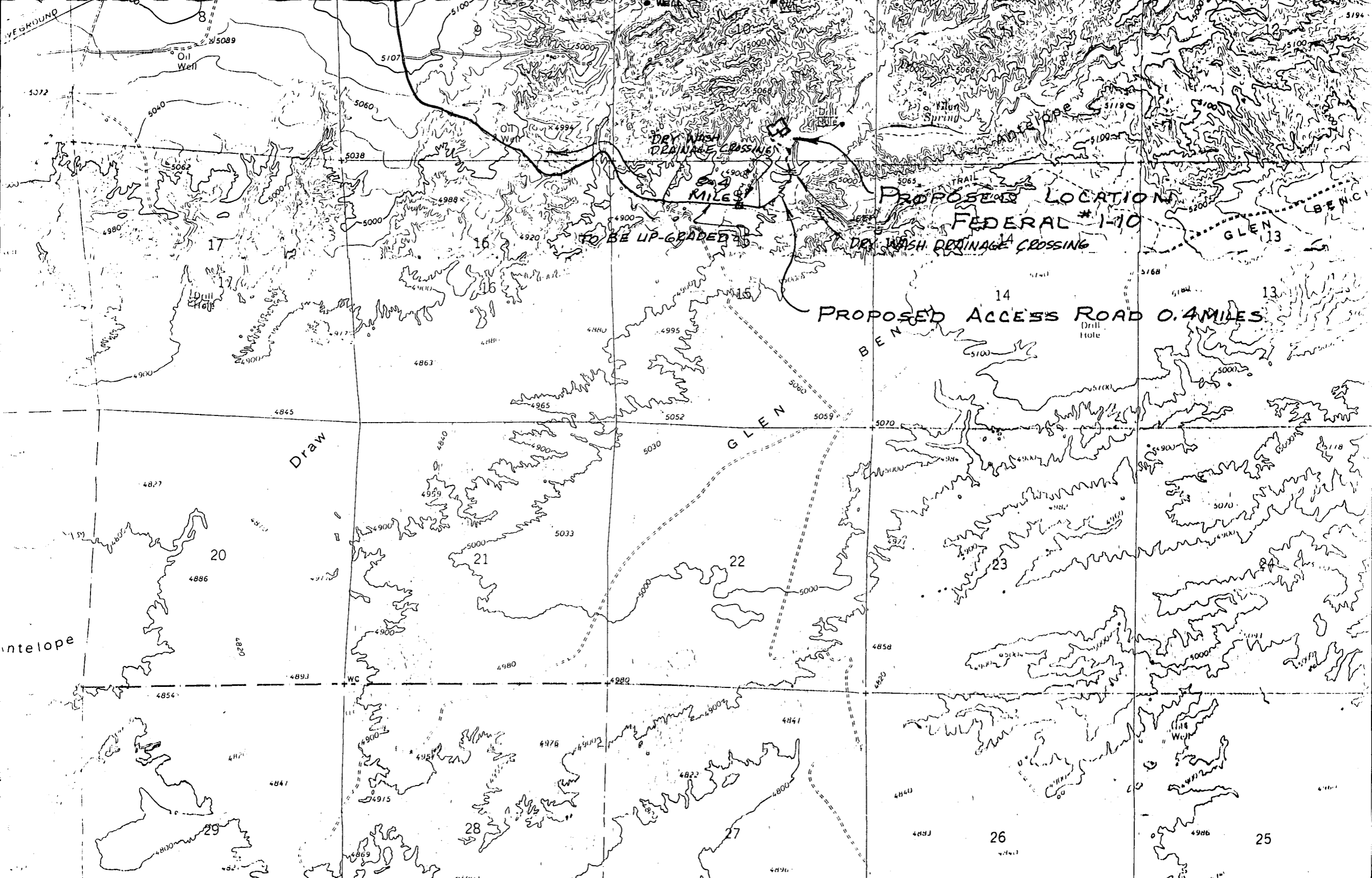
UTAH

QUADRANGLE LOCATION

OURAY

15.7 MILES





** FILE NOTATIONS **

DATE: June 20, 1980
Operator: Snyder Oil Company
Well No: Alex Bench Unit #1-10
Location: Sec. 10 T. 8S R. 22E County: Uintah
File Prepared: ☒ Entered on N.I.D.: ☒
Card Indexed: ☒ Completion Sheet: ☒
☐ API Number 43-047-30732

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: M.J. Minder 6-20-80

Director: _____

APPROVAL LETTER:

Bond Required: ☐ Survey Plat Required: ☐
Order No. _____ O.K. Rule C-3 ☐
Rule C-3(c), Topographic Exception/company owns or controls acreage
within a 660' radius of proposed site ☐

Lease Designation Bed Unit Plotted on Map ☒

Approval Letter Written ☒

Wm

*Unit
approval*

*NE
PI*

June 23, 1980

Snyder Oil Company
410 17th Street, Suite 1300
Denver, Colorado 80202

Re: Well No. Glen Bench Unit #1-10
Sec. 10, T. 8S~~4~~ R. 22E.,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30732.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/b:tm

cc: USGS

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH
TO : DISTRICT ENGINEER, UGG, SALT LAKE CITY, UTAH
SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-38415

OPERATOR: Snyder Oil

WELL NO. 1-10

LOCATION: SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 10, T. 8S, R. 22E, SLM

Vintah County, Utah

1. Stratigraphy: Operator tops appear reasonable

Vintah	surface
Green River	2300'
Wasatch	5600'
<u>TD</u>	<u>6200'</u>

2. Fresh Water:

Fresh to useable water may occur in the Vintah and in sandstones of the upper Green River (~ 0 to 3000').

3. Leasable Minerals:

Oil Shale in the Green River.

Mahogany ledge should occur at ~ 3650'.

Land is prospectively valuable for Gilsonite

4. Additional Logs Needed: Suite is adequate

5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Gregory W Wood

Date: 7-3-80

Oil and Gas Drilling

EA # 510-80

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

Usual Environmental Analysis

Date: July 14, 1980

Operator: Snyder Oil Company Project or Well Name and No.: 1-10
Location: 2010' FEL & 615' FSL Sec. 10 T. 8S R. 22E
County: Uintah State: Utah Unit: Glen Bench
Lease No.: U-38415 Permit No.:

Joint Field Inspection Date: July 14, 1980

Prepared By: Craig Hansen

Field Inspection Participants, Titles and Organizations:

Craig Hansen	USGS-Vernal
Ron Rogers	BLM-Vernal
John McCatharn	Snyder Oil Company
Leonard Henney	Dirt Contractor

Related Environmental Analyses and References:

1. Bonanza Planning Unit 05

*Rec'd 147 x 3 rd
Incl Pkt 100 x 150
4/10 mi x 20' mud access
22/10 cc
Brids Eye monitoring bonanza
with agent
Con'd 27/11/1980
Pg 7 1-5*

DISCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State: Utah
 County: Uintah

2010' FEL, 617' FSL, Lot 3
Section 10 ,T8, R 22E, SLB&M.

2. Surface Ownership Location: Public
 Access Road: Public

Status of
Reclamation Agreements:
Not applicable.

3. Dates APD Filed: June 19, 1980
 APD Technically Complete: July 2, 1980
 APD Administratively Complete:

4. Project Time Frame

Starting Date: August 15, 1980

Duration of Drilling activities: 23 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year; revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:
None known
6. Nearby pending actions which may affect or be affected by the proposed action:
None known
7. Status of variance requests:
None known

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad about 147' wide x 300' long including a reserve pit 100' x 150' would be constructed. Approximately .4 miles of new access road, averaging a 18' driving surface would be constructed from a maintained road. 2.3 acres of disturbed surface would be associated with the project. Maximum disturbed width of access road would be limited to 24'.
2. Drilling
3. Waste disposal-Trash cage will be used all refuse will be removed upon completion of production operations.
4. Traffic
5. Water requirements
6. Completion
7. Production
8. Transportation of hydrocarbons

Details of the proposed action are described in the Application for Permit to Drill.

The access road was changed per the attached map to avoid drainage and reduce impact on vegetation, and up grade compaction of road bed.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: Uintah Basin: Province The area consists of weathered sandstone and shale and buttes and bluffs of the Uinta Formation. These buttes and bluffs are relatively flat on top with steep weathered sides. The valleys that surround the buttes and bluffs slope gently to rugged dissected dendritic drainage patterns. This type of drainage is usually non-perennial in nature.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected:

Possible oil shale in Green River formation and Uinta formation. Possible small saline pods in Green River formation. Land is also prospectively valuable for Gilsonite.

Information Source: Mineral Evaluation Report, Field observation.

2. Hazards:

a. Land Stability: The surface would remain relatively stable until soil became saturated then heaving, sluffing and heavy erosion would take place due to the saturation of the clays and shales at the surface.

Information Source: Field Observation.

b. Subsidence: Withdrawal of fluids could cause subsidence, however the composition of the producing zones will reduce this hazard therefore none is anticipated.

Information Source: Environmental Geology E.A. Keller
Physical Geology, Leet and Judson.

c. Seismicity: The area is considered a minor risk - no preventive measures or plans have been presented by the operator.

Information Source: "Geologic Atlas of Rocky Mountain Region,"

d. High Pressure Zones/Blowout Prevention: No high pressures are anticipated above the Wasatch. Although slight over pressuring may be expected in the upper Wasatch formation.

Information Source: APD, Mineral Evaluation Report.

B. Soils:

1. Soil Character: Is a deep mildly to strongly alkaline soils, the surface layers are pale brown and light gray loams, silty clay loams and clays. Sand and gravels are intermixed with clays and silts in fulvial washes.

Information Source: Soils of Utah, Wilson, Field observation.

2. Erosion/Sedimentation: This would increase due to the disruption of vegetation and loosely compacted "A" and "B" soil horizons of clay and shale. Clay and shale leave a higher rate of erosion due to their grain size and compaction capabilities. Proper construction practices would reduce this impact.

Information Source: "Fluvial Processes in Geomorphology" by Luna B. Leopold, M. Gordon Wolman, and John P. Miller, 1964. "Soils of Utah", Wilson.

C. Air Quality: The area is in a class II containment. There would be a minor increase in air pollution due to emissions from construction and support traffic engines. Particulate matter would increase due to dust from travel over unpaved roads.

Information Source: Utah State Health Department/Air Quality Bureau, in Salt Lake City, Utah

D. Noise Levels: Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

Information Source: Field Observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The location drains South to a non-perennial drainage which flows during summer storms and spring runoff to the White River.

Information Source: Field observation, Application for Permit to Drill.

b. Ground Waters: Ground water is anticipated in the Birds-eye member of the Green River Formation and other less productive aquifers of the Green River formation.

Information Source: Mineral Evaluation Report

2. Water Quality

a. Surface Waters: No contamination to surface water is anticipated by this drilling program. Proper construction of location and lining reserve pits where needed would insure safe operations.

Information Source: Field Observation

b. Ground Waters: Some minor pollution of ground water systems ^{could} would occur with the introduction of drilling fluids (filtrate) into the aquifer. Potential communication, contamination, and commingling of formations via the wellbore would be prevented by an adequate response drilling fluid program. The depths of fresh water formations are listed in the 10-point subsurface protection plan.

Information Source. 10-Point Plan.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from BIA, Ft. Duchesne we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: Halogeton, a poisonous weed, is the only vegetation that exists on or near the location due to the harsh clays present on the surface.

Information Source: Field observation.

3. Fauna: Deer, Antelope, small rodents, birds and reptiles, foxes, coyotes and domestic livestock exist on or near the location.

Information Source: Field observation.

G. Land Uses

1. General: The area is used primarily for oil and gas operations although grazing and recreation takes place throughout the year.

Information Source: Field observation, APD, SMA representative.

2. Affected Floodplains and/or Wetlands: N/A

Information Source: Field Observation.

3. Roadless/Wilderness Area: N/A

Information Source: N/A

H. Aesthetics: Operations do not blend in with natural surroundings and could present a visual impact. Painting any permanent equipment a color to blend with the surrounding environment would lessen visual impacts.

Information Source: Field Observation.

I. Socioeconomics: Drilling and production operations are small in size, but contribute substantial financial income to residents of the surrounding area. Local people are used whenever possible. This allows greater economic development of the area.

Information Source: C.M. Hansen Resident of the Uintah Basin.

J Cultural Resources Determination: Based on the formal comments received from BIA, Ft. Duchesne, we determine that there would be no effect on cultural resources.

Information Source: SMA Concurrence

K. Adequacy of Restoration Plans: Meet the minimum requirements of NTL-6. The erodibility of area soils could hamper restoration which should commence immediately after drilling or completion. Restoration to predrilling conditions could be difficult. The area's short growing season and limited precipitation govern restoration success.

Information Source: C. M. Hansen, Environmental Scientist, Field observation, APD

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.
2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects:

1. If approved as proposed:
 - a. About 2.3 acres of vegetation would be removed, increasing and accelerating erosion potential.
 - b. Pollution of groundwater systems ^{could} would occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.
 - c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
 - d. The potential for fires, leaks, spills of gas and oil or water exists.
 - e. During construction and drilling phases of the operation, noise and dust levels would increase.
 - f. Distractions from aesthetics during the lifetime of the project would exist.
 - g. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to White River would exist through leaks and spills.
 - h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

2. Conditional Approval:

All adverse impacts described in section one above would occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. See attached Leese Stipulations.
2. See attached BLM Stipulations.
3. Slide reserve pit 60' West to reduce cut and fill.
4. Reroute small drainage to East edge of location to reduce erosion.
5. Stock pile 3" of topsoil on SW corner of location.

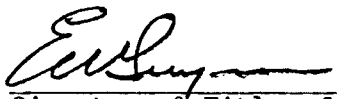
Controversial Issues and Conservation Division Response:

No controversial issues were found by the writer.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

 District Eng-
Signature & Title of Approving Official

11/7/80
Date



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

Aug
Well # 1-10
Snyder Oil Company
Sec. 10-8S-22E
Uintah County
EA # 510-80

Mr. Peter Rutledge
Area Oil Shale Supervisor
Area Oil Shale Office
131 North Sixth, Suite 300
Grand Junction, Colorado 81501

Dear Mr. Rutledge,

The Office of Oil and Gas Operations, Conservation Division, received the attached Application for Permit to Drill, Deepen, or Plug Back (Form 9-331C).

Please review this proposal for any conflict with any of the resources in the oil shale tracts and withdrawal areas. If needed, set forth the stipulations you determine necessary for adequate protection. Please use the following space for your response (if there is none, so state), together with date and initials of person responsible and return to the Office of Oil and Gas Operations.

U.S. Geological Survey
8440 Federal Building
125 South State Street
Salt Lake City, Utah 84138

Snyder Oil 1-10
Sec. 10, T8S, R22E

July 21, 1980

Proposed casing and cementing program does not address protection of the Green River oil shale section. Cement intervals for the 5½" casing should include protection at the base of the Green River oil shale section, protection of the Mahogany oil shale zone, and protection at the top of the Green River section. Proposed program is not acceptable to this office unless the cementing program is revised to insure adequate protection of the oil shale section.

Ray A. Brady
Ray A. Brady
Geologist

Memorandum

Snyder Oil
10-85-22c

Aug

To: District Oil and Gas Engineer, Mr. Edward Gynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. U-38415 Well No. 1-10

1. The location appears potentially valuable for:

☐ strip mining*

☒ underground mining** *oil shale*

☐ has no known potential.

2. The proposed area is

☐ under a Federal lease for _____ under the jurisdiction of this office.

☒ not under a Federal lease under the jurisdiction of this office.

☒ Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed

Allen J. Vance



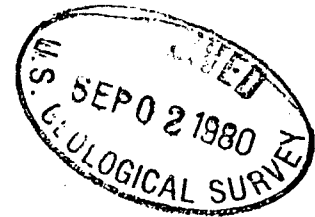
United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

IN REPLY REFER TO

T & R
U-802

August 29, 1980



Ed Gynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Snyder Oil Company
Well #1-10, Lease U-38415,
Sec. 10, T8S, R22E,
Uintah County, Utah

Dear Mr. Gynn:

A joint field examination was made on July 14, 1980 of the above referenced well site location and proposed access road. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Traveling off access road right-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area, except where backslope and fills require additional area. Turn-outs will not be required.
3. Topsoil will be stockpiled as addressed in the applicant's 13 Point Plan. The BLM recommends that 3 inches of topsoil be stockpiled at the site. Topsoil will be stockpiled separately from cut material and it will be stored at the south side of the pad.
4. The BLM must be contacted at least 24 hours prior to any construction activities.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.



6. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well site. Refuse must be contained and hauled to an approved disposal site.
7. A wire mesh or web type fence will be used around the reserve pit. At least two strands of barbed wire will top this fence.
8. The natural drainage will be diverted around the east side of the pad.
9. If oil storage tanks are installed, a retaining dike will be constructed around the tanks of sufficient height to contain the oil in the event of tank failure.
10. Reserve pits will be at least half their depths below the natural ground surface and will be moved 60 feet to the southwest.
11. The access road will be re-routed to the north of the staked road, following around the southern base of the low hills in the area. This route was walked during the joint on-site and agreed upon.

The proposed activities do not jeopardize listed, threatened, or endangered flora, fauna, or their habitats.

Powers Elevation Company conducted the cultural resource clearance. No cultural resources were discovered. However, since the access road was re-located, a new clearance needs to be given. At this time the BLM has not received a cultural resource clearance for the new access road. Final approval for this location cannot be given until this is accomplished.

The BLM representative is Ron Rogers, 789-1362.

Sincerely,

Ronald W Rogers
(for)

Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal

Snyder Oil

NOTICE OF SPUD

Caller:

Ed Seely

Phone:

Well Number:

1-10

DIVISION OF
OIL, GAS & MINING

Location:

Lot #3 (SE) 10-8S-22E

County:

Uintah

State:

Utah

Lease Number:

U-38415

Lease Expiration Date:

Unit Name (If Applicable):

Date & Time Spudded:

1-17-81

12:00 P.M. (afternoon)

Dry Hole Spudder/Rotary:

Details of Spud (Hole, Casing, Cement, etc.)

7 7/8" hole

Rotary Rig Name & Number:

Approximate Date Rotary Moves In:

FOLLOW WITH SUNDRY NOTICE

Call Received By:

K.R.

Date:

1-16-81

1-16-81 Spud

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED

APR 1 1981

REPORT OF WATER ENCOUNTERED DURING DRILLING

DIVISION OF
OIL, GAS & MINING

Well Name & Number Federal 1-10
Operator Snyder Oil Company Address SOCO Plaza-7th Floor
1800 Glenarm Place, Denver, CO 80202
Contractor CRC Colorado Well Service Address Box 1006, Rangely, CO 81648
Location SW 1/4 SE 1/4 Sec. 10 T: 8 S R: 22E County Uintah

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	5414	5436	70' of mud on drill stem test	No water recovery from Green River "I" zone.
2.	5642	5654	No test run here, but logs show this zone to be water productive. (Wasatch)	
3.				
4.				
5.				

(Continue of reverse side if necessary)

Formation Tops

Uinta - surface, Green River - 4210', Wasatch - 5642'

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN 1

LICAT*
In-
stru-
ctions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. U-38415			
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME -			
2. NAME OF OPERATOR Snyder Oil Company				7. UNIT AGREEMENT NAME Glen Bench Unit			
3. ADDRESS OF OPERATOR SOCO Plaza 7th Floor 1800 Glenarm Place Denver, Co. 80202				8. FARM OR LEASE NAME Federal			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2010' FEL 617' FSL Sec. 10-T8S-R22E At top prod. interval reported below same <u>SWSE</u> At total depth same				9. WELL NO. 1-10			
14. PERMIT NO. 43-047-30732				DATE ISSUED 6/20/80			
15. DATE SPUDDED 1/19/81				16. DATE T.D. REACHED 2/10/81			
17. DATE COMPL. (Ready to prod.) 6/15/81				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4913' GR			
19. ELEV. CASINGHEAD				20. TOTAL DEPTH, MD & TVD 6061			
21. PLUG, BACK T.D., MD & TVD 5911				22. IF MULTIPLE COMPL., HOW MANY* Single			
23. INTERVALS DRILLED BY →				ROTARY TOOLS 0-6061			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Greenriver 4393'-5452' OA				CABLE TOOLS N/A			
25. TYPE ELECTRIC AND OTHER LOGS RUN DIL-GR, FDC-CNL-GR, BHC-GR, GR-CRI				26. WAS DIRECTIONAL SURVEY MADE No			
27. WAS WELL CORED No				28. CASING RECORD (Report all strings set in well)			
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	
8 5/8"		24	213	12 1/4"		N/A	
5 1/2"		15.5	6061	7 7/8"	710sxClass H, 610sxClass G	N/A	
29. LINER RECORD		30. TUBING RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) 5411'-17', 5428'-31', 5449'-52', 4708'-10' 4713'-16', 4722'-27', 4732'-36', 4393'-4400', 4402'-08', 4412'-16', 4456'-78' w/2SPF				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				5411-52		2000 gal 15% HCl	
				4708-36		10500 #20-40sd 250000SCF N ₂	
				*		2000 gal 15% HCl, 5000 #20-40sd	
						6000 gal gelled wtr.	
33.* PRODUCTION							
DATE FIRST PRODUCTION 6/15/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 1 1/2" pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6/15/81	HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD →	OIL—BBL. 10	GAS—MCF. 0	WATER—BBL. 0	GAS-OIL RATIO -
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 10	GAS—MCF. 0	WATER—BBL. 0	OIL GRAVITY-API (CORR.)	
0	0	→	10	0	0		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY Ed Feely	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Paul T. Gayer		TITLE Div. Eng. Manager				DATE 6/30/81	

*(See Instructions and Spaces for Additional Data on Reverse Side)



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

October 13, 1981

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

Snyder Oil Company
410 17th Street
Suite 1300
Denver, CO 80202

Re: See Attached Sheet

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

TERRI REID
CLERK TYPIST

Enclosure

Well No. Horseshoe Bend Federal 1-35
Sec. 35, T. 6S, R. 21E
Uintah County, Utah
(April 1981, thru September 1981)

Well No. Baser Draw Federal #1-31
Sec. 31, T. 6S, R. 22E
Uintah County, Utah
(March 1981 thru September 1981)

Well No. West Walker Federal 1-33
Sec. 33, T. 6S, R. 22E
Uintah County, Utah
(March 1981 thru September 1981)

Well No. Horseshoe Bend State 1-2
Sec. 2, T. 7S, R. 21E
Uintah County, Utah
(April 1981 thru September 1981)

Well No. West Walker Federal 1-9
Sec. 9, T. 7S, R. 22E
Uintah County, Utah
(March 1981 thru September 1981)

Well No. Glen Bench Unit # 1-10
Sec. 10, T. 8S, R. 22E
Uintah County, Utah
(February 1981 thru September 1981)

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE White River

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
January 19 82.

Agent's Address SOCO Plaza - 7th Floor

1800 Glenarm Place

Denver, CO 80202

Phone No. (303) 620-8400

Company Snyder Oil Company

Signed

Title Division Manager/Drilling and Production

[illegible]

GAS: (MCF)

Sold 0

Flared/Vented 0

Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month 0

Produced during month 0

Sold during month 0

Unavoidably lost	0
------------------	---

Reason: _____

On hand at end of month 0

Well No. Horseshoe Bend Federal 1-35
Sec. 35, T. 6S, R. 21E
Uintah County, Utah
(October 1981- December 1981)

Well No. Baser Draw Federal 1-31
Sec. 31, T. 6S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

Well No. West Walker Federal 1-33
Sec. 33, T. 6S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

Well No. Horseshoe Bend State 1-2
Sec. 2, T. 7S, R. 21E
Uintah County, Utah
(October 1981- December 1981)

Well No. West Walker Federal 1-9
Sec. 9, T. 7S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

Well No. Glen Bench Unit 1-10
Sec. 10, T. 8S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

SECOND NOTICE ON ALL ABOVE WELLS.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
 (Instructions on
 reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-38415	
2. NAME OF OPERATOR Snyder Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR SOCO Plaza - 7th Floor 1800 Glenarm Place, Denver, CO 80202		7. UNIT AGREEMENT NAME Glen Bench	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2010' FEL, 617' FSL		8. FARM OR LEASE NAME White River Federal	
14. PERMIT NO. 30732		9. WELL NO. 1-10	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4913 GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10 T8S-R22E	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		12. COUNTY OR PARISH Uintah	
18. I hereby certify that the foregoing is true and correct		13. STATE UT	

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Monthly update

See attached completion Report

Now Shut in Pending evaluation.

18. I hereby certify that the foregoing is true and correct

SIGNED Robert L. Namken

TITLE Div Mgr/Drlg & Prod

DATE 2/17/82

ROBERT L. NAMKEN

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 15, 1982

Snyder Oil Company
SOCO Plaza, 7th Floor
1800 Glenarm Place
Denver, Colorado 80202

Re: Well No. Horseshoe Bend Federal #1-35
Sec. 35, T. 6S, R. 21E.
Uintah County, Utah

Well No. West Walker State #2-32
Sec. 32, T. 6S, R. 22E.
Uintah County, Utah

Well No. Glen Bench Unit #1-10
Sec. 10, T. 8S, R. 22E.
Uintah County, Utah

Well No. West Walker Federal #1-33
Sec. 33, T. 6S, R. 22E.
Uintah County, Utah

Well No. West Walker State #1-32
Sec. 32, T. 6S, R. 23E.
Uintah County, Utah

Well No. Lansdale Federal #1-11
Sec. 11, T. 7S, R. 24E.
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office (respectively) January 19, 1982, February 17, 1982, June 30, 1981, February 17, 1982, June 9, 1981, & October 14, 1981, from above referred to wells, indicates the following electric logs were run(respectively): 1-35: GR-DIL, GR-FCE-CNL; 2-32: GR-FDC-CNL TD-SC, GR-DIL TD-SD; 1-10: DIL-GR, FDC-CNL-GR, BHC-GR, GR-CBL; 1-33: GR-CBL, GR-DIL TD to SC, GR-FDC-CNL TD to SC; 1-32: Open Hole FDC-CNL, DIL, CBL; 1-11: FDC-CNL w/ GR, DIL, CBL. As of todays date, this office has not received these logs: 1-35: All listed above; 2-32: All listed above; 1-10: GR-CBL; 1-33: GR-CBL; 1-32: Open Hole, CBL; 1-11: CBL.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commisssion together with a copy of the elctric and radioactivity logs.

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Herm Olsen



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No. _____
Federal Lease No. 71-038415
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE White River

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
March _____, 19____82.

Agent's Address SOCO Plaza - 7th Floor
1800 Glenarm Place
Denver, CO 80202
Phone No. (303) 620-8400

Company Snyder Oil Company
Signed Robert L. Tomken
Title Division Manager/Drilling and Production

[illegible]

GAS: (MCF)

Sold 0

Flared/Vented 0

Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month	0
Produced during month	0
Sold during month	0
Unavoidably lost	0
Reason:	
On hand at end of month	0

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. ***THIS REPORT MUST BE FILED***



Snyder Oil Company

SOCO Plaza, 7th Floor
1800 Glenarm Place
Denver, Colorado 80202
(303) 620-8400

April 26, 1982

State of Utah
Natural Resources and Energy
4241 State Office Building
Salt Lake City, Utah 84114

RE: Your letter dated 3-15-82
Uintah County, Utah well logs

Enclosed please find one copy of each of the logs you requested on several of our Uintah County, Utah wells; as outlined below:

Well Name & Location

Horseshoe Bend Federal 1-35
Sec. 35-T6S-R21E

W. Walker State 2-32
Sec. 32-T6S-R22E

White River Federal 1-10
Sec. 10-T8S-R22E
(note well name change)

W. Walker Federal 1-33
Sec. 33-T6S-R22E

W. Walker State 1-32
Sec. 32-T6S-R23E

Lansdale Federal 1-11
Sec. 11-T7S-R24E

Logs Enclosed

DIL, FDC/CNL

DIL, FDC/CNL, RFT

GR-CBL

GR-CBL

GR-CBL
GR-CBL

CBL

P&A

pow

pow

pow

pow

pow

Very truly yours,

Dave Cook
Division Geological Engineer

SEC/jcb

enclosures

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No. _____
Federal Lease No. 71-038415
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE White River

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
April 19 82

Agent's Address SOCO Plaza - 7th Floor
1800 Glenarm Place
Denver, CO 80202
 Phone No. (303) 620-8400

Company Snyder Oil Company
Signed Robert L. Menden
Title Division Manager/Drilling and Production

[illegible]

GAS: (MCF)

Sold	0
Flared/Vented	0
Used On/Off Lease	0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month	0
Produced during month	0
Sold during month	0
Unavoidably lost	0
Reason:	
On hand at end of month	0

15

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 5-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
Snyder Oil Company
3. ADDRESS OF OPERATOR
1800 Glenarm Place, Denver, CO 80202
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 210 FEL, 617 FSL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) _____

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☒

5. LEASE
U-38415
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-
7. UNIT AGREEMENT NAME
Glen Bench
8. FARM OR LEASE NAME
White River Federal
9. WELL NO.
1-10
10. FIELD OR WILDCAT NAME
Wildcat
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Section 10, T8S-R22E
12. COUNTY OR PARISH
Uintah
13. STATE
Utah
14. API NO.
43-047-30732
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4913 GR

(NOTE: Report results of multiple completion or zone change on Form 5-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED Andrew S. Peterson TITLE DU PROD. SUPT DATE 1/3/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

17. Subject well was abandoned December 18, 1982, as follows:

4,000'-3,800'	25 sx Class "G" cmt
2,800'-2,600'	25 sx Class "G" cmt
1,500'-1,300'	25 sx Class "G" cmt left in pipe
1,400'	100 sx Class "G" cmt squeezed outside pipe through perforations at 1,400'
200'-Surface	25 sx Class "G" cmt. 35 sx Class "G" squeezed down 9-5/8" x 5-1/2" annulus.

Above per USGS "Oral Approval to Plug Well" dated 7/13/82. Jimmy Rafoul, USGS SLC, was notified prior to starting work. No casing was pulled. Wellhead was cut below grade and regulation dry hole marker (4" pipe x 10' long) set in casing stub. Production pit was backfilled, topsoil was spread over location, road and location were ripped. No seeding was done, as per BLM stipulations. Road and location are ready for final inspection.